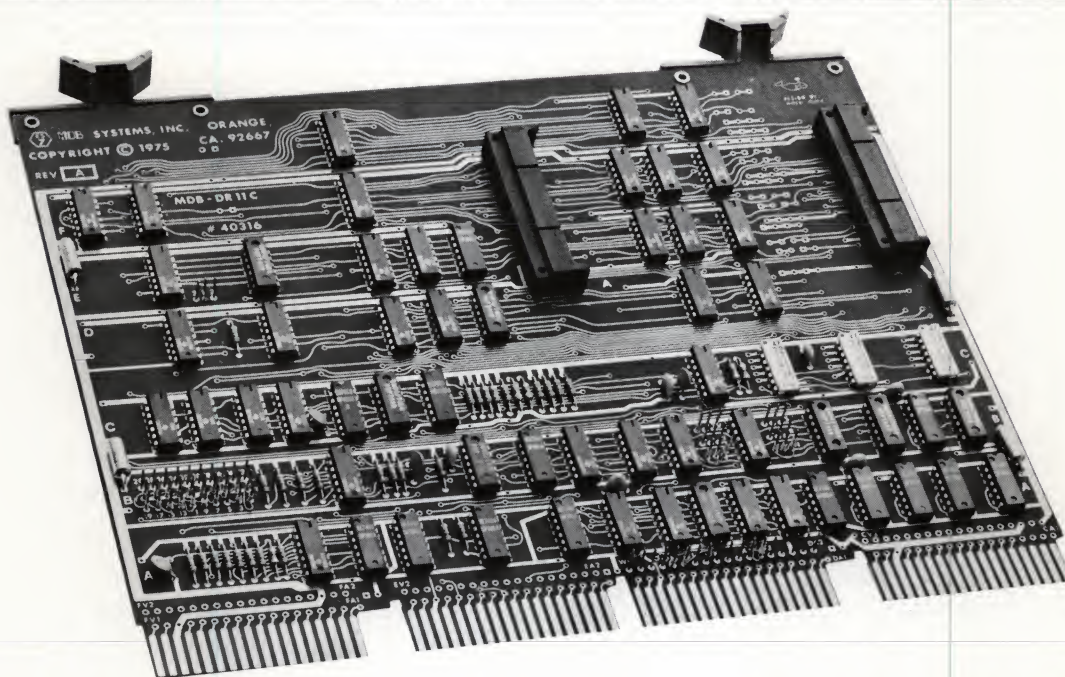# MDB

DR11C GENERAL PURPOSE INTERFACE
for use with PDP*-11 Computers

MDB General Purpose Interface for PDP-11* Computers

- Bi-directional exchange of 16-bit data from PDP-11 and external device
- Interrupt request and control
- Control and status register
- Address selection
- Output buffer register and input buffer gates
- Compatible with DEC DR11C operating and diagnostic software
- Electrically and physically plug-compatible with the DEC DR11C

The MDB Systems DR11C general purpose interface module controls data transfer between the DEC PDP-11 Unibus* and user peripheral devices.

The MDB DR11C module contains all the necessary hardware for control and status register assignments. The DR11C module is connected via two convenient 40 pin Berg connectors to a peripheral unit. The DR11C module with appropriate software will control the 16-bit data exchange between the Unibus and various peripheral equipment.

Interrupt request and control logic, address selection, and device interface logic comprise the main functional sections of the MDB DR11C.

Three registers consisting of an input buffer (16-bit read-only), an output buffer (16-bit read/write) and control/status (16-bit read/write), form the interface logic circuits of the DR11C module.

Convenient data exchange between two PDP-11 computers can be achieved by cabling two DR11C modules together. Using this method a continuous and dependable exchange of data is accomplished and each module maintains transparency to the host computer.

ELECTRICAL REQUIREMENTS:
- +5V at 1.5A
ACCESSORIES:
- Optional general purpose cables available
PHYSICAL:
- Occupies 1 quad slot of standard system unit

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